

Falling Fire - SL

Angles for R.I. = 1.720

53 + 8 girdles = 61 facets

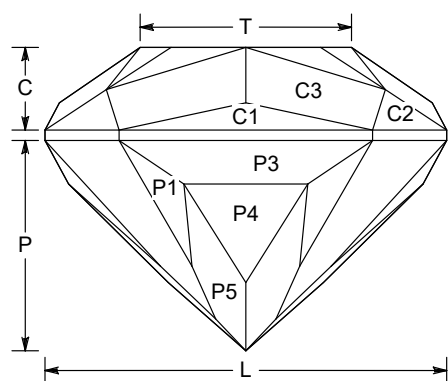
4-fold, mirror-image symmetry

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L/W = 1.000 T/W = 0.527 U/W = 0.527

P/W = 0.522 C/W = 0.206

Vol./W³ = 0.323



PAVILION

P1	43.00°	06-18-30-42- 54-66-78-90	Cut to Centerpoint
P2	43.30°	12-36-60-84	Meet at centerpoint
G1	90.00°	96-24-48-72	Meet P1 and P2
G2	90.00°	12-36-60-84	Level girdle
P3	61.52°	96-24-48-72	Meet P2
P4	44.61°	96-24-48-72	Cut to meet centerpoint
P5	41.83°	03-21-27-45- 51-69-75-93	Meet P3

CROWN

C1	62.11°	96-24-48-72	Size gridle
C2	49.62°	12-36-60-84	Level gridle
C3	35.00°	03-21-27-45- 51-69-75-93	Meet gridle
C4	26.54°	06-18-30-42- 54-66-78-90	Meet C2
	0.00°	Table	

Cut this in anything from 1.69-2.62 and it will look great! For some reason it shows really good red and green dispersion! You can try tourmaline but I think it tilts too easily. This design should cut quickly once you get past aligning the centerpoint!

C:\Users\Scott\Desktop\Gemology\Gem_Designs\X_My Designs\Finished Designs\Falling Fire.gem